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NEWS 3 JUL 12 BEILSTEIN enhanced with new display and select options,
resulting in a closer connection to BABS
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fields
NEWS 5 AUG 02 Caplus and CA patent records enhanced with European and Japan
Patent Office Classifications
NEWS 6 AUG 02 The Analysis Edition of STN Express with Discover!
(Version 7.01 for Windows) now available
NEWS 7 AUG 27 BIOCOMMERCE: Changes and enhancements to content coverage
NEWS 8 AUG 27 BIOTECHABS/BIOTECHDS: Two new display fields added for legal
status data from INPADOC
NEWS 9 SEP 01 INPADOC: New family current-awareness alert (SDI) available
NEWS 10 SEP 01 New pricing for the Save Answers for SciFinder Wizard within
STN Express with Discover!
NEWS 11 SEP 01 New display format, HITSTR, available in WPIDS/WPINDEX/WPIX
NEWS 12 SEP 27 STANDARDS will no longer be available on STN
NEWS 13 SEP 27 SWETSCAN will no longer be available on STN
NEWS 14 OCT 28 KOREAPAT now available on STN

NEWS EXPRESS OCTOBER 29 CURRENT WINDOWS VERSION IS V7.01A, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 17:14:15 ON 12 NOV 2004

=> file medline, agricola, caba, caplus, biosis, biotechno		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'MEDLINE' ENTERED AT 17:14:23 ON 12 NOV 2004

FILE 'AGRICOLA' ENTERED AT 17:14:23 ON 12 NOV 2004

FILE 'CABA' ENTERED AT 17:14:23 ON 12 NOV 2004
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FILE 'CAPLUS' ENTERED AT 17:14:23 ON 12 NOV 2004
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FILE 'BIOTECHNO' ENTERED AT 17:14:23 ON 12 NOV 2004
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=> s (goring, d? or goring d?)/au
L1 487 (GORING, D? OR GORING D?)/AU

=> s (silva, n? or silva n?)/au
L2 1613 (SILVA, N? OR SILVA N?)/AU

=> s l1 and l2
L3 31 L1 AND L2

=> s perk or perk1 or proline(s)extensin
L4 997 PERK OR PERK1 OR PROLINE(S) EXTENSIN

=> s l3 and l4
L5 9 L3 AND L4

=> duplicate remove l5
DUPLICATE PREFERENCE IS 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO'
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n
PROCESSING COMPLETED FOR L5
L6 4 DUPLICATE REMOVE L5 (5 DUPLICATES REMOVED)

=> d l6 1-4 ti

L6 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
TI Brassica napus **PERK** (**proline-rich extensin**
-like receptor kinase) and uses for increasing plant seed production

L6 ANSWER 2 OF 4 MEDLINE on STN DUPLICATE 1
TI The **proline-rich, extensin-like** receptor kinase-1 (**PERK1**) gene is rapidly induced by wounding.

L6 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
TI Brassica wounding- and pathogen-inducible **proline-rich**
extensin-like receptor kinase **PERK1** gene and transgenic
plants expressing it

L6 ANSWER 4 OF 4 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
TI **PERK1**, a novel receptor-like protein kinase, is rapidly induced
in response to wounding.

=> d l6 1-4 bib

L6 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:697048 CAPLUS
DN 139:225528
TI Brassica napus **PERK** (**proline-rich extensin**
-like receptor kinase) and uses for increasing plant seed production

IN Goring, Daphne; Silva, Nancy; Haffani, Yosr Z.
PA Can.
SO PCT Int. Appl., 123 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003072763	A1	20030904	WO 2003-CA274	20030228
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2002199218	A1	20021226	US 2002-86464	20020228
PRAI	CA 2002-2373903	A2	20020228		
	US 2002-86464	A2	20020228		
	WO 2000-CA966	W	20000818		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 4 MEDLINE on STN DUPLICATE 1
AN 2002617149 MEDLINE
DN PubMed ID: 12374299
TI The **proline**-rich, **extensin**-like receptor kinase-1 (**PERK1**) gene is rapidly induced by wounding.
AU Silva Nancy F; Goring Daphne R
CS Department of Botany, University of Toronto, Ontario, Canada.
SO Plant molecular biology, (2002 Nov) 50 (4-5) 667-85.
Journal code: 9106343. ISSN: 0167-4412.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200301
ED Entered STN: 20021011
Last Updated on STN: 20030115
Entered Medline: 20030114

L6 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:152848 CAPLUS
DN 134:218920
TI Brassica wounding- and pathogen-inducible **proline**-rich **extensin**-like receptor kinase **PERK1** gene and transgenic plants expressing it
IN Goring, Daphne; Silva, Nancy
PA Can.
SO PCT Int. Appl., 91 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001014563	A1	20010301	WO 2000-CA966	20000818
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,			

SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,
 YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
 CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 CA 2382333 AA 20010301 CA 2000-2382333 20000818
 AU 2000066775 A5 20010319 AU 2000-66775 20000818
 EP 1409685 A1 20040421 EP 2000-954223 20000818
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, FI, CY
 US 2002199218 A1 20021226 US 2002-86464 20020228
 PRAI US 1999-149466P P 19990819
 US 1999-159122P P 19991013
 WO 2000-CA966 W 20000818
 RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT
 L6 ANSWER 4 OF 4 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
 AN 2002:621237 BIOSIS
 DN PREV200200621237
 TI PERK1, a novel receptor-like protein kinase, is rapidly induced
 in response to wounding.
 AU Silva, Nancy F. [Reprint author]; Goring, Daphne R.
 [Reprint author]
 CS Biology Department, York University, Toronto, ON, Canada
 nsilva@yorku.ca
 SO Plant Biology (Rockville), (2001) Vol. 2001, pp. 33-34. print.
 Meeting Info.: Joint Annual Meetings of the American Society of Plant
 Biologists and the Canadian Society of Plant Physiologists. Providence,
 Rhode Island, USA. July 21-25, 2001. American Society of Plant Biologists;
 Canadian Society of Plant Physiologists.
 DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 LA English
 ED Entered STN: 4 Dec 2002
 Last Updated on STN: 4 Dec 2002

=> d his

(FILE 'HOME' ENTERED AT 17:14:15 ON 12 NOV 2004)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT
 17:14:23 ON 12 NOV 2004

L1 487 S (GORING, D? OR GORING D?)/AU
 L2 1613 S (SILVA, N? OR SILVA N?)/AU
 L3 31 S L1 AND L2
 L4 997 S PERK OR PERK1 OR PROLINE(S)EXTENSIN
 L5 9 S L3 AND L4
 L6 4 DUPLICATE REMOVE L5 (5 DUPLICATES REMOVED)

=> s perk and plant

L7 31 PERK AND PLANT

=> s l1 or l2

L8 2069 L1 OR L2

=> s l8 and l4

L9 10 L8 AND L4

=> s l9 not l3

L10 1 L9 NOT L3

=> d l10 bib

L10 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2004:532793 CAPLUS
TI The characterization of **perk1**, a novel receptor kinase
implicated in plant defense and development
AU **Silva, Nancy Fonseca**
CS York Univ., Downsview, ON, Can.
SO (2003) 276 pp. Avail.: UMI, Order No. DANQ82822
From: Diss. Abstr. Int., B 2004, 64(8), 3680
DT Dissertation
LA English

=> s l7 not l8

L11 29 L7 NOT L8

=> duplicate remove l11

DUPLICATE PREFERENCE IS 'MEDLINE, CABA, CAPLUS, BIOSIS'

KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n

PROCESSING COMPLETED FOR L11

L12 24 DUPLICATE REMOVE L11 (5 DUPLICATES REMOVED)

=> d l12 1-10 ti

L12 ANSWER 1 OF 24 MEDLINE on STN DUPLICATE 1
TI Elevated gadd153/chop expression and enhanced c-Jun N-terminal protein
kinase activation sensitizes aged cells to ER stress.

L12 ANSWER 2 OF 24 MEDLINE on STN DUPLICATE 2
TI Chemoprevention by isothiocyanates and their underlying molecular
signaling mechanisms.

L12 ANSWER 3 OF 24 CAPLUS COPYRIGHT 2004 ACS on STN
TI Visibly stressed: The role of eIF2, TIA-1, and stress granules in protein
translation

L12 ANSWER 4 OF 24 CAPLUS COPYRIGHT 2004 ACS on STN
TI Regulation of Glycine max ornithine decarboxylase by salt and spermine

L12 ANSWER 5 OF 24 CABA COPYRIGHT 2004 CABI on STN
TI Antitumor activities of a newly synthesized shikonin derivative,
2-hyim-DMNQ-S-33.

L12 ANSWER 6 OF 24 MEDLINE on STN
TI **Plant** MAP kinase pathways: how many and what for?.

L12 ANSWER 7 OF 24 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
STN
TI Analytical study of free and ester bound benzoic and cinnamic acids of gum
benzoin resins by GC-MS and HPLC-frit FAB-MS.

L12 ANSWER 8 OF 24 CAPLUS COPYRIGHT 2004 ACS on STN
TI Change of starch content during early somatic embryogenesis in wheat

L12 ANSWER 9 OF 24 CABA COPYRIGHT 2004 CABI on STN
TI [The influence of environmental factors and storage period on germination
of benfuracarb-treated maize (Zea mays L.)].
Invloed van omgewingsfactoren en opberginstyd-**perk** op kieming van
benfurakarb-behandelde mieliesaad (Zea mays L.).

L12 ANSWER 10 OF 24 CABA COPYRIGHT 2004 CABI on STN DUPLICATE 3
TI Postharvest performance of poinsettia as affected by micronutrient source,
storage, and cultivar.

=> d l12 6

L12 ANSWER 6 OF 24 MEDLINE on STN
 AN 2001683603 MEDLINE
 DN PubMed ID: 11730326
 TI Plant MAP kinase pathways: how many and what for?.
 AU Wrzaczek M; Hirt H
 CS Institute of Microbiology and Genetics, Vienna Biocenter, Austria.
 SO Biology of the cell / under the auspices of the European Cell Biology
 Organization, (2001 Sep) 93 (1-2) 81-7.
 Journal code: 8108529. ISSN: 0248-4900.
 CY France
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200205
 ED Entered STN: 20011204
 Last Updated on STN: 20020522
 Entered Medline: 20020520

=> d l12 11-20 ti

L12 ANSWER 11 OF 24 CABA COPYRIGHT 2004 CABI on STN
 TI [Abstracts of Papers of the 6th Conference of the Weed Science Society of
 Indonesia, Medan, 1981].
 Kumpulan Abstrak Konperensi ke-Enam Himpunan Ilmu Gulma Indonesia.

L12 ANSWER 12 OF 24 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
 STN
 TI HOST RECORDS OF FRUIT FLIES FAMILY TEPHRITIDAE IN THE NORTHERN TERRITORY
 AUSTRALIA.

L12 ANSWER 13 OF 24 CABA COPYRIGHT 2004 CABI on STN
 TI Self-contained solar greenhouse.

L12 ANSWER 14 OF 24 CABA COPYRIGHT 2004 CABI on STN
 TI Effects of media and supplementary micro element fertilization on growth
 and chemical composition of cattleya.

L12 ANSWER 15 OF 24 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
 STN
 TI A COMPARISON OF 4 MICRO NUTRIENT SOURCES PERK FTE-503 FTE-504
 AND ESMIGRAN IN CONTAINERS.

L12 ANSWER 16 OF 24 CABA COPYRIGHT 2004 CABI on STN
 TI Effect of nutrition during propagation on future growth of Shumard oak,
 Japanese black pine, pecan and river birch.

L12 ANSWER 17 OF 24 CABA COPYRIGHT 2004 CABI on STN
 TI Correcting the chlorosis of pin oaks.

L12 ANSWER 18 OF 24 CABA COPYRIGHT 2004 CABI on STN
 TI Some effects of three trace element fertilizers on the growth of nine
 cultivars of poinsettias.

L12 ANSWER 19 OF 24 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Influence of micronutrient sources and levels on response and tissue
 content of Aphelandra, Brassia and Philodendron

L12 ANSWER 20 OF 24 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
 STN
 TI CONTRIBUTION TO THE KNOWLEDGE OF THE ICHNEUMONIDS HYMENOPTERA
 ICHNEUMONIDAE OF THE PIENINY POLAND.

=> d l12 21-24 ti

L12 ANSWER 21 OF 24 CABA COPYRIGHT 2004 CABI on STN
TI Influence of micronutrient sources and levels on response and tissue
content of Aphelandra, Brassia and Philodendron.

L12 ANSWER 22 OF 24 CABA COPYRIGHT 2004 CABI on STN
TI Identification and correction of copper deficiency of Rhododendron simsii
'George Lindley Taber' cuttings.

L12 ANSWER 23 OF 24 CAPLUS COPYRIGHT 2004 ACS on STN
TI Influence of propagation bed nutritional amendments on selected foliage
plants

L12 ANSWER 24 OF 24 CABA COPYRIGHT 2004 CABI on STN
TI The development of populations of Numicia viridis Muir in sugarcane
fields.

=> d his

(FILE 'HOME' ENTERED AT 17:14:15 ON 12 NOV 2004)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT
17:14:23 ON 12 NOV 2004

L1 487 S (GORING, D? OR GORING D?)/AU
L2 1613 S (SILVA, N? OR SILVA N?)/AU
L3 31 S L1 AND L2
L4 997 S PERK OR PERK1 OR PROLINE(S)EXTENSIN
L5 9 S L3 AND L4
L6 4 DUPLICATE REMOVE L5 (5 DUPLICATES REMOVED)
L7 31 S PERK AND PLANT
L8 2069 S L1 OR L2
L9 10 S L8 AND L4
L10 1 S L9 NOT L3
L11 29 S L7 NOT L8
L12 24 DUPLICATE REMOVE L11 (5 DUPLICATES REMOVED)

=> s proline(s)extensin(s)receptor(s)kinase

L13 9 PROLINE(S) EXTENSIN(S) RECEPTOR(S) KINASE

=> s l13 not l8

L14 0 L13 NOT L8

=> file uspatfull

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	38.71	38.92

FILE 'USPATFULL' ENTERED AT 17:21:00 ON 12 NOV 2004

CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 11 Nov 2004 (20041111/PD)

FILE LAST UPDATED: 11 Nov 2004 (20041111/ED)

HIGHEST GRANTED PATENT NUMBER: US6817028

HIGHEST APPLICATION PUBLICATION NUMBER: US2004226068

CA INDEXING IS CURRENT THROUGH 11 Nov 2004 (20041111/UPCA)

ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 11 Nov 2004 (20041111/PD)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2004

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2004

>>> USPAT2 is now available. USPATFULL contains full text of the <<<
>>> original, i.e., the earliest published granted patents or <<<
>>> applications. USPAT2 contains full text of the latest US <<<
>>> publications, starting in 2001, for the inventions covered in <<<

```
>>> USPATFULL. A USPATFULL record contains not only the original <<<
>>> published document but also a list of any subsequent <<<
>>> publications. The publication number, patent kind code, and <<<
>>> publication date for all the US publications for an invention <<<
>>> are displayed in the PI (Patent Information) field of USPATFULL <<<
>>> records and may be searched in standard search fields, e.g., /PN, <<<
>>> /PK, etc. <<<
```

```
>>> USPATFULL and USPAT2 can be accessed and searched together <<<
>>> through the new cluster USPATALL. Type FILE USPATALL to <<<
>>> enter this cluster. <<<
>>> <<<
>>> Use USPATALL when searching terms such as patent assignees, <<<
>>> classifications, or claims, that may potentially change from <<<
>>> the earliest to the latest publication. <<<
```

This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> s (goring, D? or goring d?)/au
      2 GORING, D?/AU
      2 GORING D?/AU
L15   2 (GORING, D? OR GORING D?)/AU
```

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=> s (silva, n? or silva n?)/au
      6 SILVA, N?/AU
      6 SILVA N?/AU
L16   6 (SILVA, N? OR SILVA N?)/AU
```

```
=> s 115 or 116
L17   7 L15 OR L16
```

```
=> d 117 1-7 ti
```

```
L17 ANSWER 1 OF 7 USPATFULL on STN
TI   Proline-rich extensin-like receptor kinases
```

```
L17 ANSWER 2 OF 7 USPATFULL on STN
TI   Conductive elastomer for grafting to thermoplastic and thermoset
      substrates
```

```
L17 ANSWER 3 OF 7 USPATFULL on STN
TI   Conductive elastomer for grafting to an elastic substrate
```

```
L17 ANSWER 4 OF 7 USPATFULL on STN
TI   Conductive elastomer for grafting to a metal substrate
```

```
L17 ANSWER 5 OF 7 USPATFULL on STN
TI   Grafted thermoplastic elastomer barrier layer
```

```
L17 ANSWER 6 OF 7 USPATFULL on STN
TI   S-locus receptor kinase gene in a self-incompatible brassica napus line
```

```
L17 ANSWER 7 OF 7 USPATFULL on STN
TI   Pie crust protector
```

```
=> d 117 1,6 bib
```

```
L17 ANSWER 1 OF 7 USPATFULL on STN
AN   2002:345480 USPATFULL
TI   Proline-rich extensin-like receptor kinases
IN   Goring, Daphne, Richmond Hill, CANADA
      Silva, Nancy, Mississauga, CANADA
      Haffani, Yosr Z., Toronto, CANADA
```


PI US 2002199218 A1 20021226
AI US 2002-86464 A1 20020228 (10)
WO 2000-CA966 20000818
DT Utility
FS APPLICATION
LREP Gene J. Yao, Esquire, Synnestvedt & Lechner LLP, 2600 Aramark Tower,
1101 Market Street, Philadelphia, PA, 19107-2950
CLMN Number of Claims: 5
ECL Exemplary Claim: 1
DRWN 46 Drawing Page(s)
LN.CNT 2544
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 6 OF 7 USPATFULL on STN
AN 1998:124425 USPATFULL
TI S-locus receptor kinase gene in a self-incompatible brassica napus line
IN Rothstein, Steven J., Guelph, Canada
Goring, Daphne R., Woodbridge, Canada
PA University of Guelph, Guelph, Canada (non-U.S. corporation)
PI US 5821094 19981013
AI US 1994-265628 19940624 (8)
RLI Continuation of Ser. No. US 1992-959945, filed on 8 Oct 1992, now
abandoned which is a continuation-in-part of Ser. No. US 1992-847564,
filed on 3 Mar 1992, now abandoned
DT Utility
FS Granted
EXNAM Primary Examiner: McElwain, Elizabeth
LREP Foley and Lardner
CLMN Number of Claims: 14
ECL Exemplary Claim: 9
DRWN 24 Drawing Figure(s); 20 Drawing Page(s)
LN.CNT 1526
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s proline(s)extensin(s)receptor(s)kinase
34358 PROLINE
316 EXTENSIN
101833 RECEPTOR
46107 KINASE
L18 17 PROLINE(S)EXTENSIN(S)RECEPTOR(S)KINASE

=> s l18 not l17
L19 16 L18 NOT L17

=> d l19 1-10 ti

L19 ANSWER 1 OF 16 USPATFULL on STN
TI Method of using MAPK4 and orthologues thereof to control plant disease
resistance and plant growth

L19 ANSWER 2 OF 16 USPATFULL on STN
TI Cathepsin V-like polypeptides

L19 ANSWER 3 OF 16 USPATFULL on STN
TI Polynucleotide and polypeptide fat metabolism regulators and uses
thereof

L19 ANSWER 4 OF 16 USPATFULL on STN
TI Nucleic acids and polypeptides

L19 ANSWER 5 OF 16 USPATFULL on STN
TI Rice promoters for regulation of plant expression

L19 ANSWER 6 OF 16 USPATFULL on STN

TI Identification and characterization of plant genes

L19 ANSWER 7 OF 16 USPATFULL on STN

TI Novel human polynucleotides and polypeptides encoded thereby

L19 ANSWER 8 OF 16 USPATFULL on STN

TI Novel nucleic acids and polypeptides

L19 ANSWER 9 OF 16 USPATFULL on STN

TI Novel nucleic acids and polypeptides

L19 ANSWER 10 OF 16 USPATFULL on STN

TI Compositions for the detection of blood cell and immunological response gene expression

=> d 119 1,2,4,6,8,9 bib

L19 ANSWER 1 OF 16 USPATFULL on STN

AN 2004:222911 USPATFULL

TI Method of using MAPK4 and orthologues thereof to control plant disease resistance and plant growth

IN Mundy, John, Valby, DENMARK

Jensen, Anders Bogh, Humlebaek, DENMARK

Petersen, Morten, Copenhagen V, DENMARK

Naested, Henrik, Copenhagen N, DENMARK

Brodersen, Peter, Copenhagen O, DENMARK

PI US 2004172685 A1 20040902

AI US 2000-730478 A1 20001206 (9)

PRAI DK 1999-1746 19991206
US 1999-169614P 19991208 (60)

DT Utility

FS APPLICATION

LREP FOLEY AND LARDNER, SUITE 500, 3000 K STREET NW, WASHINGTON, DC, 20007

CLMN Number of Claims: 39

ECL Exemplary Claim: 1

DRWN 6 Drawing Page(s)

LN.CNT 1946

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 2 OF 16 USPATFULL on STN

AN 2004:217827 USPATFULL

TI Cathepsin V-like polypeptides

IN Tang, Y. Tom, San Jose, CA, United States

Goodrich, Ryle W., Los Angeles, CA, United States

Asundi, Vinod, Foster City, CA, United States

Drmanac, Radoje T., Palo Alto, CA, United States

PA Nuvelo, Inc., Sunnyvale, CA, United States (U.S. corporation)

PI US 6783969 B1 20040831

AI US 2001-799451 20010305 (9)

DT Utility

FS GRANTED

EXNAM Primary Examiner: Myers, Carla J.

CLMN Number of Claims: 3

ECL Exemplary Claim: 1

DRWN 0 Drawing Figure(s); 0 Drawing Page(s)

LN.CNT 7745

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 4 OF 16 USPATFULL on STN

AN 2004:135666 USPATFULL

TI Nucleic acids and polypeptides

IN Tang, Y. Tom, San Jose, CA, United States

Zhou, Ping, Cupertino, CA, United States

Goodrich, Ryle, San Jose, CA, United States

Liu, Chenghua, San Jose, CA, United States
 Asundi, Vinod, Foster City, CA, United States
 Ren, Feiyan, Cupertino, CA, United States
 Zhang, Jie, Campbell, CA, United States
 Zhao, Qing A., San Jose, CA, United States
 Yang, Yonghong, San Jose, CA, United States
 Xue, Aidong J., Sunnyvale, CA, United States
 Wehrman, Tom, Stanford, CA, United States
 Wang, Jian-Rui, Cupertino, CA, United States
 Wang, Dunrui, Poway, CA, United States
 Drmanac, Radoje T., Palo Alto, CA, United States
 PA Nuvelo, Sunnyvale, CA, United States (U.S. corporation)
 PI US 6743619 B1 20040601
 AI US 2001-774528 20010130 (9)
 DT Utility
 FS GRANTED
 EXNAM Primary Examiner: Achutamurthy, Ponnathapu; Assistant Examiner: Pak, Yong
 LREP Quertermous, Elena
 CLMN Number of Claims: 3
 ECL Exemplary Claim: 1
 DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
 LN.CNT 6327
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 6 OF 16 USPATFULL on STN
 AN 2004:14292 USPATFULL
 TI Identification and characterization of plant genes
 IN Lange, B. Markus, San Diego, CA, UNITED STATES
 Ghassemian, Majid, Carlsbad, CA, UNITED STATES
 Briggs, Steven P., Del Mar, CA, UNITED STATES
 Cooper, Bret, La Jolla, CA, UNITED STATES
 Glazebrook, Jane, San Diego, CA, UNITED STATES
 Goff, Stephen Arthur, Encinitas, CA, UNITED STATES
 Katagiri, Fumiaki, San Diego, CA, UNITED STATES
 Kreps, Joel, Carlsbad, CA, UNITED STATES
 Moughamer, Todd, San Diego, CA, UNITED STATES
 Provart, Nicholas, Toronto, CANADA
 Ricke, Darrell, San Diego, CA, UNITED STATES
 Zhu, Tong, San Diego, CA, UNITED STATES
 PI US 2004010815 A1 20040115
 AI US 2002-259194 A1 20020926 (10)
 PRAI US 2001-325277P 20010926 (60)
 US 2002-370743P 20020404 (60)
 US 2002-370620P 20020404 (60)
 US 2001-325277P 20010926 (60)
 DT Utility
 FS APPLICATION
 LREP TORREY MESA RESEARCH INSTITUTE, INTELLECTUAL PROPERTY DEPARTMENT, 3115
 MERRYFIELD ROW, SAN DIEGO, CA, 92121
 CLMN Number of Claims: 113
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 10764
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 8 OF 16 USPATFULL on STN
 AN 2003:318635 USPATFULL
 TI Novel nucleic acids and polypeptides
 IN Tang, Y. Tom, San Jose, CA, UNITED STATES
 Yang, Yonghong, San Jose, CA, UNITED STATES
 Wang, Zhiwei, Sunnyvale, CA, UNITED STATES
 Weng, Gezhi, Piedmont, CA, UNITED STATES
 Ma, Yunqing, Santa Clara, CA, UNITED STATES
 PI US 2003224379 A1 20031204

AI US 2002-243552 A1 20020912 (10)
RLI Continuation-in-part of Ser. No. WO 2000-US35017, filed on 22 Dec 2000,
PENDING Continuation-in-part of Ser. No. US 2000-552317, filed on 25 Apr
2000, ABANDONED Continuation-in-part of Ser. No. US 2000-488725, filed
on 21 Jan 2000, PENDING
PRAI WO 2001-US2623 20010125
WO 2001-US3800 20010205
WO 2001-US4927 20010226
WO 2001-US4941 20010305
WO 2001-US8631 20010330
WO 2001-US8656 20010416
WO 2001-US14827 20010516
US 2001-322511P 20010913 (60)
DT Utility
FS APPLICATION
LREP Elena Quertermous, 675 Almanor Avenue, Sunnyvale, CA, 94085
CLMN Number of Claims: 26
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 13810
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 9 OF 16 USPATFULL on STN
AN 2003:312148 USPATFULL
TI Novel nucleic acids and polypeptides
IN Tang, Y. Tom, San Jose, CA, UNITED STATES
Goodrich, Ryle, San Jose, CA, UNITED STATES
Liu, Chenghua, San Jose, CA, UNITED STATES
Ren, Feiyan, Cupertino, CA, UNITED STATES
Wang, Dunrui, Poway, CA, UNITED STATES
Drmanac, Radoje T., Palo Alto, CA, UNITED STATES
PI US 2003219745 A1 20031127
AI US 2002-120988 A1 20020411 (10)
RLI Continuation of Ser. No. US 2001-774528, filed on 30 Jan 2001, PENDING
DT Utility
FS APPLICATION
LREP Luisa Bigornia, HYSEQ, INC., 670 Almanor Avenue, Sunnyvale, CA, 94085
CLMN Number of Claims: 27
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 7867
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d l19 11-16 ti

L19 ANSWER 11 OF 16 USPATFULL on STN
TI Genes that are modulated by posttranscriptional gene silencing

L19 ANSWER 12 OF 16 USPATFULL on STN
TI Flea head, nerve cord, hindgut and malpighian tubule nucleic acid
molecules, proteins and uses thereof

L19 ANSWER 13 OF 16 USPATFULL on STN
TI Human genes and gene expression products

L19 ANSWER 14 OF 16 USPATFULL on STN
TI Stress-regulated genes of plants, transgenic plants containing same, and
methods of use

L19 ANSWER 15 OF 16 USPATFULL on STN
TI Expressed sequences of arabidopsis thaliana

L19 ANSWER 16 OF 16 USPATFULL on STN
TI Expressed sequences of arabidopsis thaliana

=> d 119 14-16 bib

L19 ANSWER 14 OF 16 USPATFULL on STN

AN 2002:287515 USPATFULL

TI Stress-regulated genes of plants, transgenic plants containing same, and methods of use

IN Harper, Jeffrey F., Del Mar, CA, UNITED STATES

Kreps, Joel, Carlsbad, CA, UNITED STATES

Wang, Xun, San Diego, CA, UNITED STATES

Zhu, Tong, San Diego, CA, UNITED STATES

PI US 2002160378 A1 20021031

US 2004009476 A9 20040115

AI US 2001-938842 A1 20010824 (9)

PRAI US 2000-227866P 20000824 (60)

US 2001-264647P 20010126 (60)

US 2001-300111P 20010622 (60)

DT Utility

FS APPLICATION

LREP Lisa A. Haile, J.D., Ph.D., GRAY CARY WARE & FREIDENRICH LLP, Suite 1600, 4365 Executive Drive, San Diego, CA, 92121-2189

CLMN Number of Claims: 79

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 10399

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 15 OF 16 USPATFULL on STN

AN 2002:73349 USPATFULL

TI Expressed sequences of arabidopsis thaliana

IN Gorlach, Jorn, Durham, NC, UNITED STATES

An, Yong-Qiang, San Diego, CA, UNITED STATES

Hamilton, Carol M., Apex, NC, UNITED STATES

Price, Jennifer L., Raleigh, NC, UNITED STATES

Raines, Tracy M., Durham, NC, UNITED STATES

Yu, Yang, Martinsville, NJ, UNITED STATES

Rameaka, Joshua G., Durham, NC, UNITED STATES

Page, Amy, Durham, NC, UNITED STATES

Mathew, Abraham V., Cary, NC, UNITED STATES

Ledford, Brooke L., Holly Springs, NC, UNITED STATES

Woessner, Jeffrey P., Hillsborough, NC, UNITED STATES

Haas, William David, Durham, NC, UNITED STATES

Garcia, Carlos A., Carrboro, NC, UNITED STATES

Kricker, Maja, Pittsboro, NC, UNITED STATES

Slater, Ted, Apex, NC, UNITED STATES

Davis, Keith R., Durham, NC, UNITED STATES

Allen, Keith, Cary, NC, UNITED STATES

Hoffman, Neil, Chapel Hill, NC, UNITED STATES

Hurban, Patrick, Raleigh, NC, UNITED STATES

PI US 2002040490 A1 20020404

AI US 2001-770423 A1 20010126 (9)

PRAI US 2000-178512P 20000127 (60)

DT Utility

FS APPLICATION

LREP PARADIGM GENETICS, INC, 104 ALEXANDER DRIVE, BUILDING 2, P O BOX 14528, RTP, NC, 277094528

CLMN Number of Claims: 27

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 3797

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 16 OF 16 USPATFULL on STN

AN 2002:38559 USPATFULL

TI Expressed sequences of arabidopsis thaliana
 IN Gorlach, Jorn, Durham, NC, UNITED STATES
 An, Yong-Qiang, San Diego, CA, UNITED STATES
 Hamilton, Carol M., Apex, NC, UNITED STATES
 Price, Jennifer L., Raleigh, NC, UNITED STATES
 Raines, Tracy M., Durham, NC, UNITED STATES
 Yu, Yang, Martinsville, NJ, UNITED STATES
 Rameaka, Joshua G., Durham, NC, UNITED STATES
 Page, Amy, Durham, NC, UNITED STATES
 Mathew, Abraham V., Cary, NC, UNITED STATES
 Ledford, Brooke L., Holly Springs, NC, UNITED STATES
 Woessner, Jeffrey P., Hillsborough, NC, UNITED STATES
 Haas, William David, Durham, NC, UNITED STATES
 Garcia, Carlos A., Carrboro, NC, UNITED STATES
 Kricker, Maja, Pittsboro, NC, UNITED STATES
 Slater, Ted, Apex, NC, UNITED STATES
 Davis, Keith R., Durham, NC, UNITED STATES
 Allen, Keith, Cary, NC, UNITED STATES
 Hoffman, Neil, Chapel Hill, NC, UNITED STATES
 Hurban, Patrick, Raleigh, NC, UNITED STATES
 PI US 2002023281 A1 20020221
 AI US 2001-770445 A1 20010126 (9)
 PRAI US 2000-178472P 20000127 (60)
 DT Utility
 FS APPLICATION
 LREP PARADIGM GENETICS, INC, 104 ALEXANDER DRIVE, BUILDING 2, P O BOX 14528,
 RTP, NC, 277094528
 CLMN Number of Claims: 27
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 4317
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

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FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT
 17:14:23 ON 12 NOV 2004

L1 487 S (GORING, D? OR GORING D?)/AU
 L2 1613 S (SILVA, N? OR SILVA N?)/AU
 L3 31 S L1 AND L2
 L4 997 S PERK OR PERK1 OR PROLINE(S) EXTENSIN
 L5 9 S L3 AND L4
 L6 4 DUPLICATE REMOVE L5 (5 DUPLICATES REMOVED)
 L7 31 S PERK AND PLANT
 L8 2069 S L1 OR L2
 L9 10 S L8 AND L4
 L10 1 S L9 NOT L3
 L11 29 S L7 NOT L8
 L12 24 DUPLICATE REMOVE L11 (5 DUPLICATES REMOVED)
 L13 9 S PROLINE(S) EXTENSIN(S) RECEPTOR(S) KINASE
 L14 0 S L13 NOT L8

FILE 'USPATFULL' ENTERED AT 17:21:00 ON 12 NOV 2004

L15 2 S (GORING, D? OR GORING D?)/AU
 L16 6 S (SILVA, N? OR SILVA N?)/AU
 L17 7 S L15 OR L16
 L18 17 S PROLINE(S) EXTENSIN(S) RECEPTOR(S) KINASE
 L19 16 S L18 NOT L17

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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
 LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

19.57

58.49

STN INTERNATIONAL LOGOFF AT 17:25:06 ON 12 NOV 2004